IN THE CLAIMS:

Please note that, pursuant to 37 CFR 1.121(c)(3), all claims currently pending and under consideration in the referenced application are shown below, in clean form, for clarity and for the convenience of the Patent Office. Also attached is a version with markings to show changes made to the claims.

Please amend claims 33, 34, 45 and 46 as set forth below.

1. (Previously Amended) A strain control device comprising:
a body having a first end and a second end;
a first opening defined in the first end;
a second opening defined in the second end; and
at least one cavity formed in a surface of the body extending between the first and second openings, a periphery of the at least one cavity being at least partially defined by a first wall and a second opposing wall which laterally deviates from the first wall.

2. The strain control device of claim 1, wherein the first wall is configured as a substantially linear wall.

3. (Previously Amended) The strain control device of claim 1, wherein the at least one cavity includes multiple cavities arranged in a longitudinally extending end-to-end pattern including at least a first cavity and a second cavity, wherein the second cavity is configured as a reverse image of the first cavity with respect to a longitudinal centerline passing through the first and second openings and wherein at least another opening is positioned between the first and second cavities.

4. (Previously Amended) The strain control device of claim 3, wherein the first, second and at least another openings are configured as substantially C-shaped openings in transverse cross section.

5. The strain control device of claim 4, further comprising a cover sized and configured to cooperatively mate with the body such that the multiple cavities are substantially concealed.

6. (Previously Amended) The strain control device of claim 5, wherein the cover is configured to thermally insulate the multiple cavities.

7. The strain control device of claim 6, wherein the cover is formed from a material including an aramid fiber.

8. The strain control device of claim 7, wherein the body is formed of a material including nitrile rubber.

9. The strain control device of claim 1, wherein the body is formed of a material including nitrile rubber.

10. The strain control device of claim 1, wherein the body is formed of a material including neoprene.

11. The strain control device of claim 1, wherein the body is formed of a material which includes silica.

12. The strain control device of claim 1, wherein the body is formed of a material which includes a plurality of reinforcing fibers.

13. The strain control device of claim 1, wherein the body is formed of a material which includes microballoons.

14. The strain control device of claim 1, wherein the body is formed of a material which varies in density between a first portion of the body and a second portion of the body.

15. The strain control device of claim 1, wherein the body is a molded component.

16. The strain control device of claim 1, wherein the body is an extruded component.

17. (Previously Amended) The strain control device of claim 1, further comprising an adapter including an annular body having a first inner radius and second larger outer radius, wherein the second larger outer radius is sized and configured to cooperatively contact an inner wall of at least one of the first and second openings.

18. The strain control device of claim 1, wherein the second wall includes at least a portion which exhibits a substantially constant radius.

19. The strain control device of claim 1, further including a curved surface transition from the first and second walls to a base of the at least one cavity.

20. The strain control device of claim 1, wherein the first and second openings are sized and configured to receive and frictionally grasp a transmission line to be disposed therethrough.

21. The strain control device of claim 1, wherein the body is configured to elongate and contract, at least in a direction taken between the first and second openings.

22. (Previously Amended) A strain control device comprising:

a body having a first end and a second end;

a first plurality of openings defined in the first end;

a second plurality of openings defined in the second end; and

at least a first plurality of cavities formed in a surface of the body, each cavity of the at least a first plurality of cavities extending between an opening of the first plurality of openings and an opening of the second plurality of openings, each of the at least a first plurality of cavities having a periphery which is at least partially defined by a first wall and a second opposing wall which deviates from the first wall.

23. The strain control device of claim 22, wherein the first wall comprises a substantially linear wall.

24. (Previously Amended) The strain control device of claim 22, further comprising a second plurality of cavities and a third plurality of openings, wherein each cavity of the second plurality of cavities includes a periphery having a third wall and a fourth opposing wall which deviates from the third wall, each cavity of the second plurality of cavities being adjacent to a cavity of the at least a first plurality of cavities arranged in a longitudinally extending end-to-end pattern, and wherein each of the third plurality of openings is disposed between a one of the at least a first plurality of cavities and an adjacent one of the second plurality of cavities.

25. (Previously Amended) The strain control device of claim 22, further comprising a cover configured to cooperatively mate with the body and substantially conceal the at least a first plurality of cavities.

26. (Previously Amended) The strain control device of claim 25, wherein the cover is formed of a first material and the body is formed of a second different material.

27. (Previously Amended) The strain control device of claim 22, wherein each of the first and second pluralities of openings is configured as a substantially C-shaped opening.

28. (Previously Amended) The strain control device of claim 22, wherein the body is formed of a material comprising nitrile rubber.

29. The strain control device of claim 22, wherein the body is formed of a material comprising neoprene.

30. (Previously Amended) The strain control device of claim 22, wherein the second opposing wall of each of the at least a first plurality of cavities includes at least a portion which exhibits a substantially constant radius.

31. (Previously Amended) The strain control device of claim 22, wherein each of the first and second pluralities of openings is sized and configured to receive and frictionally grasp a transmission line passing therethrough.

32. The strain control device of claim 22, wherein the body is configured to elongate and contract at least in a direction taken between the first and second openings.

33. (Three Times Amended) A strain control device comprising:

a body having a first end and a second end; and

at least one cavity formed within a surface of the body between the first end and the second end, the at least one cavity configured to receive at least a portion of a transmission line therein and wherein the at least one cavity defines a deviation path for the at least a portion of the transmission line such that the at least a portion of the transmission line is enabled to be displaced between a first boundary of the at least one cavity and a second opposing boundary of the at least one cavity upon the elongation and contraction of the body.

34. (Twice Amended) The strain control device of claim 33, wherein the at least one cavity is at least partially defined by the first boundary and the second opposing boundary, and wherein the first boundary is a substantially linear boundary and the second opposing boundary deviates from the first substantially linear boundary.

35. The strain control device of claim 34, wherein the second opposing boundary includes at least a portion which exhibits a substantially constant radius.

36. (Previously Amended) The strain control device of claim 35, further comprising a first opening formed in the body at a first end of the at least one cavity and a second opening formed in the body at a second end of the at least one cavity.

37. The strain control device of claim 36, wherein the first and second openings are configured to frictionally grasp the transmission line.

38. The strain control device of claim 37, wherein the body is configured to elongate and contract at least in a direction taken substantially linearly between the first and second openings.

39. (Previously Amended) The strain control device of claim 38, wherein the deviation path is defined to allow displacement of the at least a portion of the transmission line towards the first substantially linear boundary upon the elongation of the body.

40. The strain control device of claim 38, wherein the deviation path is defined to allow displacement of the at least a portion of the transmission line towards the second opposing boundary upon the contraction of the body.

41. (Previously Amended) A rocket motor comprising:

a rocket casing;

at least one body attached to a surface of the rocket casing, the at least one body having a first end and a second end;

a first opening defined in the first end of the at least one body;

a second opening defined in the second end of the at least one body; and

at least one cavity formed in a surface of the at least one body, the at least one cavity extending between the first and second openings, a periphery of the at least one cavity being at least partially defined by a first substantially linear wall and a second opposing wall which deviates from the first substantially linear wall.

42. The rocket motor of claim 41, further comprising a transmission line disposed within the at least one cavity and extending through the first and second openings.

43. (Previously Amended) The rocket motor of claim 42, wherein the transmission line is arranged within the at least one cavity such that it is displaced from both the first and second walls while the at least one body is in a state exhibiting substantially no strain.

44. The rocket motor of claim 43, wherein the first and second openings are sized and configured to frictionally grasp the transmission line.

45. (Three Times Amended) A strain control device comprising:

a body having a first grasping member configured to frictionally engage a first portion of a transmission line and a second grasping member configured to frictionally engage a second portion of the transmission line; and

at least one cavity defined in the body between the first grasping member and the second grasping member, the at least one cavity being configured to accommodate a third portion of the transmission line therein and defining a deviation path for the third portion of the transmission line such that third portion of the transmission line is enabled to be

displaced between a first boundary of the deviation path and a second opposing boundary of the deviation path upon elongation and contraction of the body.

46. (Twice Amended) The strain control device of claim 45, wherein the at least one cavity is at least partially defined by the first boundary and second opposing boundary, and wherein the first boundary is a substantially linear wall and the boundary is a second opposing wall which deviates from the first substantially linear wall.

59. (Previously Amended) A strain control device comprising:

a body having a plurality of body sections arranged in a longitudinally extending pattern, each body section including:

at least one cavity formed therein, the at least one cavity having a periphery defined at least partially by a first wall and a second opposing wall which deviates laterally from the first wall; and

at least one grasping member configured to receive and frictionally grasp a transmission line to be installed therein.

60. (Previously Twice Amended) A strain control device comprising:

a body having a first plurality of cavities arranged in a longitudinally extending pattern, each cavity being at least partially defined by a first wall and a second wall which laterally deviates from the first wall; and

a first plurality of grasping members, wherein at least one grasping member of the first plurality is disposed between each of two adjacent cavities of the first plurality of cavities.

61. (Previously Amended) The strain control device of claim 60, further comprising at least a second plurality of cavities arranged in a longitudinally extending pattern and a second plurality of grasping members, wherein at least one grasping member of the second plurality of grasping members is disposed between each of two adjacent cavities of the second plurality of cavities.

62. (Previously Added) A strain control device comprising:

a body having a first end and a second end; and

at least one cavity formed within a surface of the body between the first end and the second end, the at least one cavity configured to receive at least a portion of a transmission line therein and wherein the at least one cavity defines a deviation path for the at least a portion of the transmission line wherein the at least one cavity is at least partially defined by a first substantially linear boundary and a second opposing boundary which deviates from the first substantially linear boundary.

63. (Previously Added) A strain control device comprising:

a body having a first grasping member configured to frictionally engage a first portion of a transmission line and a second grasping member configured to frictionally engage a second portion of the transmission line; and

at least one cavity defined in the body between the first grasping member and the second grasping member, the at least one cavity being configured to accommodate a third portion of the transmission line therein and defining a deviation path for the third portion of the transmission line wherein the at least one cavity is at least partially defined by a first substantially linear wall and a second opposing wall which deviates from the first substantially linear wall.